



Attorney Docket No. 4001

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Eduardo BLUMWALD et al. | Art Unit: 1649
Serial No.: 09/271,584 |
Filed: March 18, 1999 | Examiner:
For: GENETIC ENGINEERING |
SALT TOLERANCE IN CROP PLANTS |

PRE AMENDMENT
A
P#5
7-27-99

AMENDMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Please enter the following preliminary amendment.

IN THE CLAIMS

✓ Please cancel claims 34-47 and 50-52.

Please amend the claims as follows.

sub B'

Claim 2 (Amended)

An isolated nucleic acid molecule encoding a THX transporter polypeptide, PNHX transporter polypeptide, or a fragment of a polypeptide having Na⁺/H⁺ transporter activity and capable of increasing salt tolerance in a cell, comprising a nucleic acid molecule selected from the group consisting of:

[(c)] (a) a nucleic acid molecule that hybridizes to all or part of a nucleic acid molecule shown in SEQ ID NO.1, SEQ ID NO.3, SEQ ID NO.17 SEQ ID NO.19 or a complement thereof under moderate or high stringency hybridization conditions wherein the nucleic acid molecule

CERTIFICATE OF MAILING (37 C.F.R. § 1.8(a))

I hereby certify that this Amendment is being deposited on the date shown below with the United States Postal Service first class mail, addressed to the Assistant Commissioner for Patents, Box Missing Parts, U.S. Patent & Trademark Office, Washington, D.C. 20231.

July 7, 1999
Date

Patricia A. Sweeney
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